

Rabbit SGMS1 Polyclonal Antibody | anti-SGMS1 antibody

SGMS1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288228	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

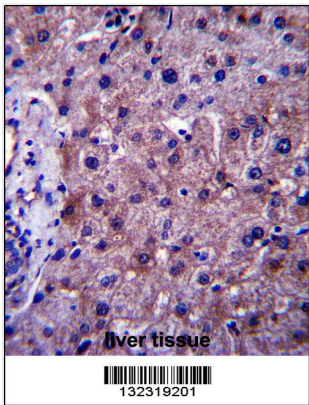
PRODUCT SYNONYMS

SGMS1; Polyclonal Antibody; SGMS1 Antibody (N-term); Phosphatidylcholine:ceramide cholinephosphotransferase 1; Medulla oblongata-derived protein; Protein Mob; Sphingomyelin synthase 1; Transmembrane protein 23; MOB; SMS1; TMEM23; anti-SGMS1 antibody

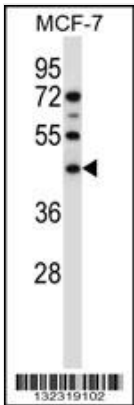
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SGMS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of human SGMS1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	24-53
Sequence Length	413
Applicable Applications for anti-SGMS1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
SGMS1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SGMS1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SGMS1 Antibody (N-term) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the SGMS1 antibody detected the SGMS1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SGMS1 antibody	The protein encoded by this gene is predicted to be a five-pass transmembrane protein. This gene may be predominately expressed in brain.
Product Categories/Family for anti-SGMS1 antibody	Cancer; Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Lafont, E., et al. Cell Death Differ. 17(4):642-654(2010) Vacaru, A.M., et al. J. Cell Biol. 185(6):1013-1027(2009) Wang, W., et al. Plant Cell 20(11):3163-3179(2008) Jin, Z.X., et al. Int. Immunol. 20(11):1427-1437(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	29789379
NCBI GeneID	259230
NCBI Accession #	NP_671512.1
NCBI GenBank Nucleotide #	NM_147156.3
UniProt Accession #	Q86VZ5; Q68U43; Q6EKK0; Q75SP1
Molecular Weight	49208
NCBI Official Full Name	phosphatidylcholine:ceramide cholinephosphotransferase 1
NCBI Official Synonym Full Names	sphingomyelin synthase 1
NCBI Official Symbol	SGMS1
NCBI Official Synonym Symbols	MOB; MOB1; SMS1; TMEM23; hmob33
NCBI Protein Information	phosphatidylcholine:ceramide cholinephosphotransferase 1
UniProt Protein Name	Phosphatidylcholine:ceramide cholinephosphotransferase 1
UniProt Gene Name	SGMS1
UniProt Synonym Gene Names	MOB; SMS1; TMEM23; Protein Mob

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/sgms1-antibody-immunohistochemistry-western-blot-elisa/288228>